Amendments to the Specification:

At the end of the application, please replace the current Sequence Listing with the attached Sequence Listing.

Please replace the paragraph beginning on page 24, line 27, with the following rewritten paragraph:

The RNAs obtained above were diluted to various concentrations (stock solution: $0.2x10^{11}$ copies/µl, dilution in cascade $0.2x10^{11}$ copies/µl to $0.2x10^{2}$ copies/µl). These dilutions in cascade are amplified by NASBA using the Nuclisens basic® kit (bioMérieux BV, the Netherlands) in the presence of the specific primers ESR1 SEQ ID No. 1 and ESR1 No. 2 and of the "molecular beacons" SEQ ID No. 9:

- 0.2µM of a first ESR1 primer of SEQ ID No. 1 5' CTCCACCATG CCCTCTACAC A 3', comprising, at its 5' end, and shown in lower case, a sequence comprising the T7 polymerase promoter, i.e. a first primer whose complete sequence is SEQ ID No. 21: 5' aattctaata cgactcacta tagggagaag gCTCCACCAT GCCCTCTACA CA 3',
- 0.2 µM of a second ESR1 primer of SEQ ID No. 2 5' ACATGATCAA CTGGGCGAAG A 3',
- 0.1µM of "molecular beacons" comprising SEQ ID No. 9 5' GATCCTGATGATTGGTCTCG 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' FAM-cgatcgGATC CTGATGATTG GTCTCGcgat cg-Dabsyl 3') (SEQ ID No. 31)).

Please replace the paragraph beginning on page 26, line 6, with the following rewritten paragraph:

The RNAs obtained above were diluted to various concentrations (stock solution: $0.2x10^{11}$ copies/µl, dilution in cascade $0.2x10^{11}$ copies/µl to $0.2x10^{2}$ copies/µl). These dilutions in cascade are amplified by NASBA using the Nuclisens basic® kit (bioMérieux BV, the Netherlands) in the presence of:

- 0.1µM of a first PGR primer of SEQ ID No. 3 5' TCCCTGCCAA TATCTTGGGT A 3', comprising, at its 5' end, and shown in lower case, a sequence comprising the T7

polymerase promoter, i.e. a first primer whose complete sequence is SEQ ID No. 22: 5' aattctaata cgactcacta tagggagaag gTCCCTGCCA ATATCTTGGG TA 3',

- 0.1 µM of a second PGR primer of SEQ ID No. 4 5' AGTTGTGTCG AGCTCACAGC 3',
- 0.1 µM of "molecular beacons" used comprising SEQ ID No. 10 5' CGGGCACTGAGTGTTGAATT 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at their 5' end, and a "quencher" (Dabsyl) at its 3' end (complete sequence: 5' FAM-cgatcgCGGG CACTGAGTGT TGAATTcgat cg-Dabsyl 3') (SEQ ID No. 32)).

Please replace the paragraph beginning on page 29, line 17, with the following rewritten paragraph:

The RNAs obtained above were diluted to various concentrations (stock solution: $0.2x10^{11}$ copies/µl, dilution in cascade $0.2x10^{11}$ copies/µl to $0.2x10^{2}$ copies/µl). These dilutions in cascade are amplified by NASBA using the Nuclisens basic® kit (bioMérieux BV, the Netherlands) in the presence of:

- 0.2 µM of a first PPIB primer of SEQ ID No. 27 5' CAGGCTGTCT TGACTGTCGT GA 3', comprising, at its 5' end, and shown in lower case, a sequence comprising the T7 polymerase promoter, i.e. a first primer whose complete sequence is SEQ ID No. 30: 5' aattctaata cgactcacta tagggagaag gCAGGCTGTC TTGACTGTCG TGA 3',
- 0.2 µM of a second PPIB primer of SEQ ID No. 28 5' AGGAGAGAAA GGATTTGGCT 3',
- 0.1µM of "molecular beacons" comprising SEQ ID No. 29 5' GATCCAGGGCGGAGACTTCA 3', labeled with a fluorophore ROX (6-carboxy-X-rhodamine) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' ROX-*cgatcg*GATC CAGGGCGGAG ACTTCA*cgat cg*-Dabsyl 3') (SEQ ID No. 33)).

Please replace the paragraph beginning on page 30, line 10, with the following rewritten paragraph:

0.1µM of "molecular beacons" comprising

- SEQ ID No. 9 5' GATCCTGATGATTGGTCTCG 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' FAM-*cgatcg*GATC CTGATGATTG GTCTCG*cgat cg*-Dabsyl 3' (SEQ ID No. 31)), for detecting the RNAs of the ESR1 gene),
- SEQ ID No. 29 5' GATCCAGGGCGGAGACTTCA 3', labeled with a fluorophore ROX (6-carboxy-X-rhodamine) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' ROX-*cgatcg*GATC CAGGGCGGAG ACTTCA*cgat cg*-Dabsyl 3' (SEQ ID No. 33)), for detecting the RNAs of the PPIB gene),

was added to this medium.

Please replace the paragraph beginning on page 33, line 17, with the following rewritten paragraph:

0.1µM of "molecular beacons" comprising

- SEQ ID No. 10 5' CGGGCACTGAGTGTTGAATT 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at their 5' end, and a "quencher" (Dabsyl) at its 3' end (complete sequence: 5' FAM-*cgatcg*CGGG CACTGAGTG T TGAATT*cg at cg*-Dabsyl 3' (SEQ ID No. 32)) for detecting the RNAs coding for PGR during the PGR / cyclophilin B duplex,
- SEQ ID No. 29 5' GATCCAGGGCGGAGACTTCA 3', labeled with a fluorophore ROX (6-carboxy-X-rhodamine) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' ROX-*cgatcg*GATC CAGGGCGGAG ACTTCA*cgat cg*-Dabsyl 3' (SEQ ID No. 33)), for detecting the RNAs of the PPIB gene),

was added to this medium.

Please replace the paragraph beginning on page 36, line 21, with the following rewritten paragraph:

0.1µM of "molecular beacons" comprising

- SEQ ID No. 11 5' GATGCTTTGGTTTGGGTGAT 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at 5', and a "quencher" (Dabsyl) at 3',
- SEQ ID No. 29 5' GATCCAGGGCGGAGACTTCA 3', labeled with a fluorophore ROX (6-carboxy-X-rhodamine) at 5', and a "quencher" (Dabsyl) at 3' (complete

sequence: 5' ROX-*cgatcg*GATC CAGGGCGGAG ACTTCA*cgat cg*-Dabsyl 3' (SEQ ID No. 33)), for detecting the RNAs of the PPIB gene coding for cyclophilin B),

was added to this medium.

Please replace the paragraph beginning on page 38, line 16, with the following rewritten paragraph:

0.1μM of "molecular beacons" comprising

- SEQ ID No. 12 5' GGAGGATGTG CGGCTCGTAC 3', labeled with a fluorophore FAM (6-carboxyfluorescein) at their 5' end, and a "quencher" (Dabsyl) at its 3' end for detecting the RNAs coding for HER2 in the HER2 / PPIB duplex,
- SEQ ID No. 29 5' GATCCAGGGC GGAGACTTCA 3', labeled with a fluorophore ROX (6-carboxy-X-rhodamine) at 5', and a "quencher" (Dabsyl) at 3' (complete sequence: 5' ROX-*cgatcg*GATC CAGGGCGGAG ACTTCA*cgat cg*-Dabsyl 3' (SEQ ID No. 33)), for detecting the RNAs of the PPIB gene coding for cyclophilin B,

was added to this medium.